

**Notice of Allowability**

Application No.

09/800,530

Examiner

Sherali Ishrat

Applicant(s)

SCHWARTZ ET AL.

Art Unit

2621

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 6/20/2005.
2. ☒ The allowed claim(s) is/are 1-24.
3. ☒ The drawings filed on 18 October 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 7/5/2005.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

*Sherali Ishrat*  
SHERALI ISHRAT  
PRIMARY EXAMINER

## EXAMINER AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Kevin Shao on July 05, 2005.

2. The application has been amended as follows:

### IN THE SPECIFICATION:

Page 2, line 4, after "2001" insert --now U.S Patent No. 6,898,323 --.

### IN THE CLAIM:

Claim 1, line 1, before "method", insert -- computer implemented --.

Claim 1, line 2, delete "and".

Claim 1, line 4, delete "wherein".

Claim 1, line 5, delete "and".

Claim 1, line 5, delete "wherein".

Claim 1, line 8, after "bitplanes" insert --, a quantization value is converted into up to seven quantizers using the three bit values, and wherein for consecutive pairs of quantization values including at least one pair of 0 and 1, 2 and 3, 4 and 5,  $8i+6$  and  $8i+7$  for integers of  $i$  that are greater than or equal to zero, substantially the same quantizer is utilized --.

Claim 9, line 2, delete "and".

Claim 9, line 4, delete "wherein".

Claim 9, line 5, delete "wherein".

Claim 9, line 5, delete "and".

Claim 9, line 8, after "bitplanes" insert --, a quantization value is converted into up to seven quantizers using the three bit values, and wherein for consecutive pairs of quantization values including at least one pair of 0 and 1, 2 and 3, 4 and 5,  $8i+6$  and  $8i+7$  for integers of  $i$  that are greater than or equal to zero substantially the same quantizer is utilized --.

Claim 17, line 3, delete "and".

Claim 17, line 6, delete "wherein".

Claim 17, line 7, delete "and".

Claim 17, line 7, delete "wherein".

Claim 17, line 10, after "bitplanes" insert --, a quantization value is converted into up to seven quantizers using the three bit values, and wherein for consecutive pairs of quantization values including at least one pair of 0 and 1, 2 and 3, 4 and 5,  $8i+6$  and  $8i+7$  for integers of  $i$  that are greater than or equal to zero, substantially the same quantizer is utilized --.

Claim 20, line 1, before "recordable" insert, -- computer --.

Claim 20, line 2, delete "machine" and insert, -- computer --.

Claim 20, line 3, delete "machine" insert, -- computer --.

Claim 20, line 4, delete "and".

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Claim 20, line 6, delete "wherein".

Claim 20, line 7, delete "and".

Claim 20, line 7, delete "wherein".

Claim 20, line 9, after "bitplanes" insert --, a quantization value is converted into up to seven quantizers using the three bit values, and wherein for consecutive pairs of quantization values including at least one pair of 0 and 1, 2 and 3, 4 and 5,  $8i+6$  and  $8i+7$  for integers of  $i$  that are greater than or equal to zero, substantially the same quantizer is utilized --.

## **Communication**

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sherali Ishrat whose telephone number is 571-272-7398. The examiner can normally be reached on 8:00 AM - 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joe Mancuso can be reached on 571-272-7695. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

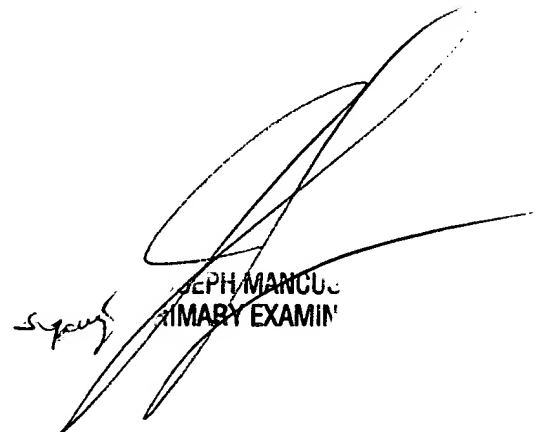


Ishrat Sherali

Patent Examiner

Group Art Unit 2621

July 05, 2005



JOSEPH MANCUSO  
PRIMARY EXAMINER